Yukon Bureau of Statistics

Consumer Price Index
2017

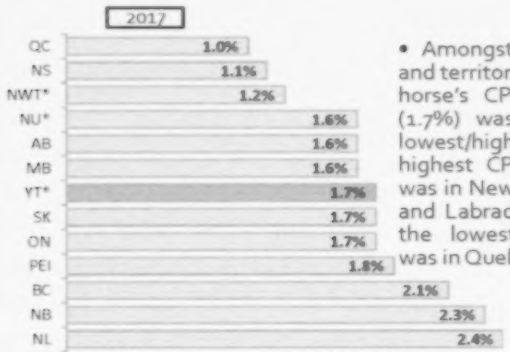
Highlights:

- The 2017 Consumer Price Index (CPI) for Whitehorse increased 1.7% over 2016; Canada's CPI increased 1.6%.
- In 2017, prices in Whitehorse increased for all major CPI components with the exceptions of: *Food; Household operations, furnishings and equipment;* and *Clothing and footwear.* Prices in Canada increased for all components with the exception of: *Clothing and footwear.*
- Whitehorse prices increased at a lower rate than the national average in three of the eight major components of CPI: *Food; Household operations, furnishings and equipment,* and *Transportation.*

Changes in the Consumer Price Index

	Whitehorse, Yukon	Canada
2017	1.7%	1.6%
2016	1.0%	1.4%
2015	-0.2%	1.1%
2014	1.3%	2.0%
2013	1.7%	0.9%
2012	2.3%	1.5%
2011	3.0%	2.9%
2010	0.8%	1.8%
2009	0.4%	0.3%
2008	3.6%	2.3%

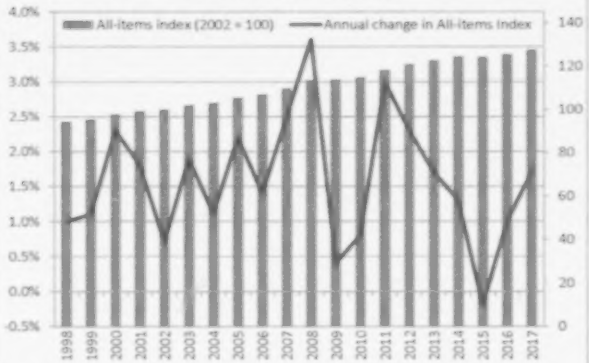
- The annual change in the Consumer Price Index (CPI) for Whitehorse in 2017 was 1.7%; for Canada, it was 1.6%.
- The 2017 annual CPI for Whitehorse was 0.7 percentage points higher than in 2016 (1.0%). Canada's annual increase in CPI in 2017 was 0.2 percentage points higher than in 2016 (1.4%).



* CPIs for territories are estimated for capital city only.

- Amongst provinces and territories, Whitehorse's CPI increase (1.7%) was seventh-lowest/highest. The highest CPI increase was in Newfoundland and Labrador (2.4%); the lowest increase was in Quebec (1.0%).

Annual Index and Change in All-Items CPI, Whitehorse, 1998 to 2017



- The CPI for Whitehorse increased almost steadily between 1992 and 2007 with the annual change ranging from a low of 0.7% in 2002 to a high of 2.5% in 2007.
- Between 2008 and 2014, the annual change in CPI for Whitehorse had a higher degree of fluctuation compared to the preceding period, ranging from a low of 0.4% in 2009 to a high of 3.6% in 2008.
- There was a small price deflation in 2015 when the CPI decreased 0.2%.
- In 2016, the CPI for Whitehorse increased 1.0% followed by another increase of 1.7% in 2017.

About the CPI

The Consumer Price Index (CPI) is a measure of the rate of price change for goods and services bought by Canadian consumers. It is the most widely used indicator of price changes in Canada. CPI is not a cost-of-living index.

The CPI should be thought of as a measure of the percentage change over time of the average cost of a large basket of goods and services purchased by Canadians. The CPI does not count the price of each item equally but weights each according to its share of total household expenditures in the base period.

The quantity and quality of the goods and services in the basket remain the same. Therefore, changes in the cost of the basket over time are not due to changes in the quantity and/or quality of the goods and services observed, but are purely due to price movements.

Related Links

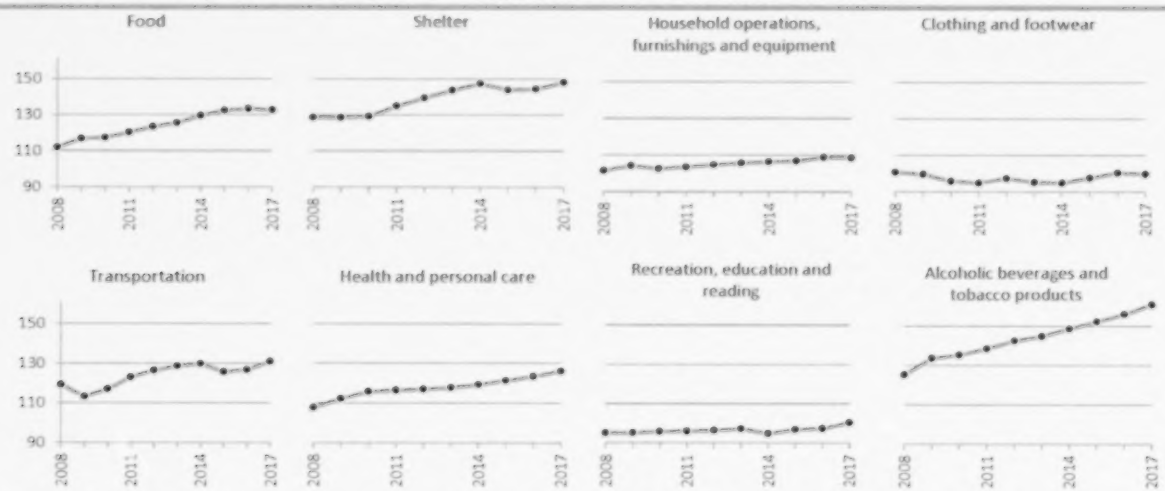
- Statistics Canada's The Canadian Consumer Price Index Reference Paper: http://www.statcan.gc.ca/pub/62-553-x/62-553-x2015001-eng.pdf
- Yukon Monthly Statistical Review - including the Community Spatial Price Index: http://www.eco.gov.yk.ca/stats/monthlyreview.html
- Monthly Yukon Fuel Price Survey: http://www.eco.gov.yk.ca/stats/stats_princ.html

Index Weighting

- The weighting of the Index is based on consumer spending patterns within each geographic area; the weighting of the Whitehorse CPI is unique to Whitehorse residents' spending patterns as reported in the 2015 Survey of Household Spending and price and quantity updated for 2017.
- For example, Whitehorse residents spent 25.4 cents of every dollar of their household expenditure on *Shelter*, while spending only 2.6 cents on *Alcoholic beverages and tobacco products*.
- The price indices of the two largest contributors to the Whitehorse CPI basket, *Shelter* (25.4% share) and *Transportation* (20.6% share), increased 2.5% and 3.3%, respectively, in 2017. The price indices of the two smallest contributing components, *Alcoholic beverages and tobacco products* (2.6% share) and *Health and personal care* (4.3% share), increased by 3.1% and 2.1%, respectively.

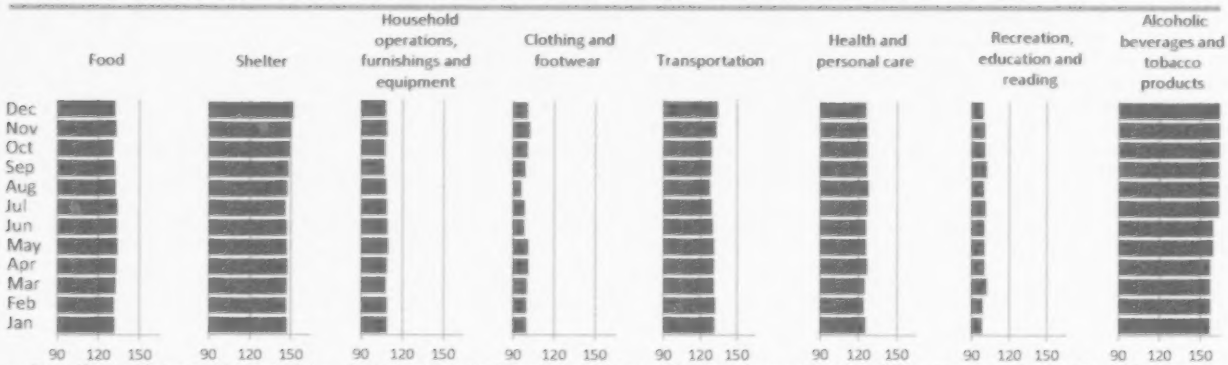
Major Components	Weighting (2015 Basket)	Change in index 2016 to 2017	Change in index 2013 to 2017
All-items	100.0	1.7%	3.8%
Shelter	25.4	2.5%	3.1%
Transportation	20.6	3.3%	1.8%
Food	15.3	-0.6%	5.7%
Household operations, furnishings and equipment	13.5	-0.4%	2.7%
Recreation, education and reading	12.9	3.1%	3.2%
Clothing and footwear	5.6	-0.6%	4.7%
Health and personal care	4.3	2.1%	7.1%
Alcoholic beverages and tobacco products	2.6	3.1%	11.1%

Major CPI Components (2002 = 100), Whitehorse, 2008 to 2017



- Over the past ten years, annual average increases in price indices for Whitehorse have not been even across major components. Comparing 2017 to 2008, the price index for: *Alcoholic beverages and tobacco products*, increased 28.5%; *Food*, 18.4%; *Health and personal care*, 17.0%; *Shelter*, 15.1%; *Transportation*, 9.8%; *Household operations, furnishings and equipment*, 6.8%; and *Recreation, education and reading* increased 5.6%. *Clothing and footwear* decreased 0.9% in 2017 compared to 2008.
- All major components' prices increased in 2017 when compared to 2016, with the exceptions of: *Food* (-0.6%); *Clothing and footwear* (-0.6%); and *Household operations, furnishings and equipment* (-0.4%). The largest increase was in *Transportation* (3.3%) followed by *Recreation, education and reading* (3.1%) and *Alcoholic beverages and tobacco products* (3.1%).

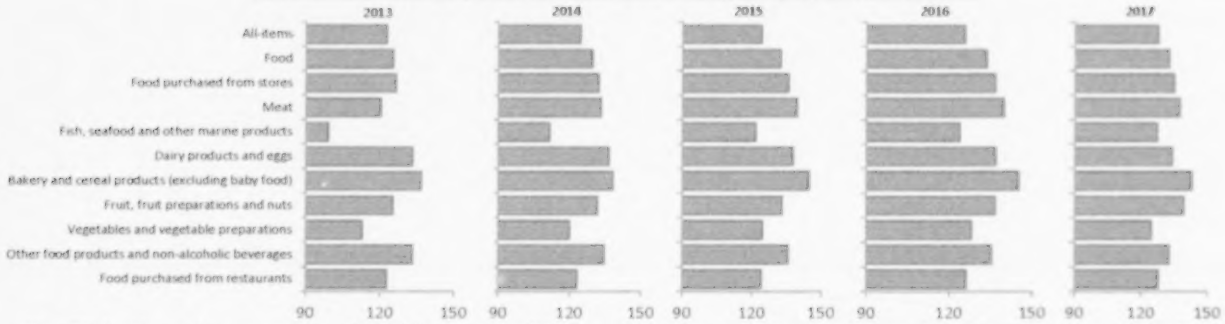
Major CPI Components, Whitehorse, January to December 2017



- Over the twelve month period, i.e., from January to December of 2017, changes in most major CPI components stayed within a range of 4.0 index points, with the exceptions of: *Shelter* (5.4 index points); *Clothing and footwear* (6.2 points); *Transportation* (5.9 points); and *Alcoholic beverages and tobacco products* (7.3 index points).

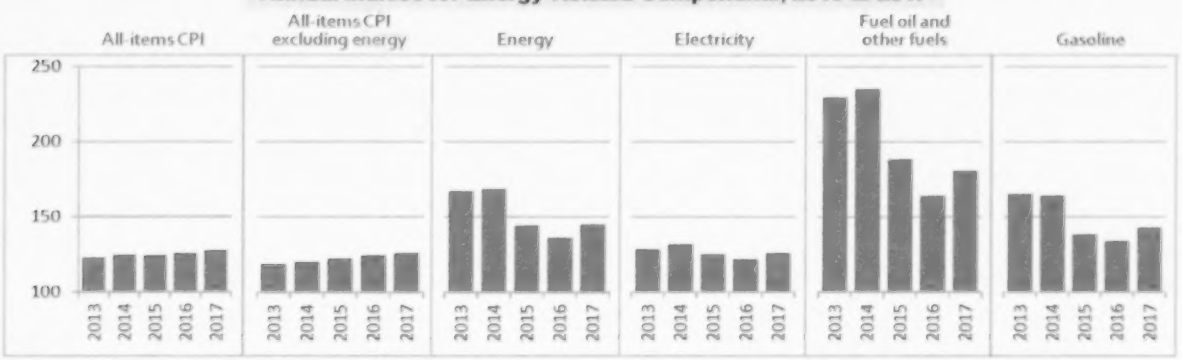
Sub-Components Related to Food and Energy, Whitehorse, 2013 to 2017

Annual Indices of Food-Related Sub-Components, 2013 to 2017



- The CPI for the major component of *Food* decreased 0.6% in 2017 compared to 2016. This was due to price decreases in all food-related sub-components with the exceptions of: *Fish, seafood and other marine products (+2.7%); Fruit, fruit preparations and nuts (+2.1%);* and *Food purchased from restaurants (+1.3%).*
- Comparing 2017 to 2016, the largest percentage decrease was in *Vegetables and vegetable preparations* (-2.6%).

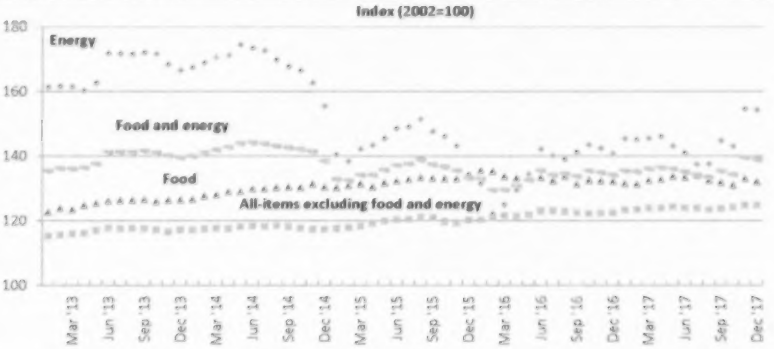
Annual Indices for Energy-Related Components, 2013 to 2017



- The *special* aggregate of *Energy* is comprised of the sub-components of: *Electricity; Natural gas* (no data available); *Fuel oil and other fuels; Gasoline;* and *Fuel, parts and supplies for recreational vehicles* (no data available).
- Available sub-component data for *Energy* show: a small increase in the CPI for *Electricity* in 2014, followed by relatively small decreases in 2015 and 2016, before a small increase in 2017; the CPI for *Fuel oil and other fuels* increased slightly in 2014, significantly decreased in 2015 and again in 2016, before a substantial increase in 2017; and the CPI for *Gasoline* showed a small decrease in 2014, a substantial decrease in 2015, a small decrease in 2016, before increasing considerably in 2017.

Special CPI Aggregates by Month, Whitehorse, January 2013 to December 2017

- In general, *Food* prices and *Energy* prices are the two most volatile components of the CPI.
- For Whitehorse, January 2013 to May 2013, *Energy* prices remained relatively unchanged. From June 2013 to October 2014, prices fluctuated within a higher range; from November 2014 to February 2015, prices decreased sharply. *Energy* prices then increased steadily up to August 2015 followed by another declining trend to reach the lowest level in the past five years in February 2016. Prices increased from March to June then roughly maintained for the rest of 2016. In January of 2017, prices rose, then remained relatively stable until September and November, when prices sharply increased.



- In 2017, on a year-over-year basis, the highest increase for *All-items CPI excluding food and energy* in Whitehorse was in January (+0.7%); largest decrease was in August (-0.4%). The annual average increase for *All-items CPI excluding food and energy* was 1.6%.
- On a year-over-year basis in 2017, the highest increase in the CPI for *Food* was in November at 1.6%; lowest in August (-1.0%). The annual average increase was -0.6% (deflation) in 2017.
- In 2017, the year-over-year CPI change for *Energy* ranged from a decrease of 2.5% in July to an increase of 8.0% in November. The average annual increase in 2017 was 6.5%.

Changes in All Available CPI Commodities, Whitehorse, 2017 Compared to 2008

Food	**18.4%**	**Household operations, furnishings & equip.**	**6.8%**	**Transportation, cont'd**	
Food purchased from stores	23.4%	Household operations	9.2%	Public transportation	18.4%
Meat	31.1%	Communications	-4.8%	Local & commuter transportation	23.3%
Fresh or frozen meat (excl. poultry)	56.3%	Telephone services	-1.8%	City bus & subway transportation	11.2%
Fresh or frozen beef	77.4%	Internet access services (200212=100)	-19.4%	Taxi & other transportation services	28.6%
Fresh or frozen pork	20.8%	Child care & housekeeping services	21.9%	Inter-city transportation	17.3%
Fresh or frozen poultry	3.0%	Household cleaning products	-2.2%		
Fresh or frozen chicken	4.6%	Paper, plastic & aluminum foil supplies	13.1%	**Health & personal care**	**17.0%**
Processed meat	25.7%	Other household goods & services	25.3%	Health care	15.6%
Fish, seafood & other marine products	36.0%	Financial services (200212=100)	28.4%	Health care goods	3.7%
Fish	41.1%	Household furnishings & equipment	1.3%	Medicinal & pharmaceutical products	3.0%
Dairy products & eggs	13.7%	Furniture & household textiles	-7.5%	Prescribed medicines	-15.0%
Dairy products	11.7%	Furniture	-10.1%	Non-prescribed medicines	15.3%
Fresh milk	30.6%	Household textiles	8.1%	Health care services	28.7%
Butter	3.0%	Household equipment	6.6%	Personal care	18.4%
Cheese	3.1%	Household appliances	4.1%	Personal care supplies & equipment	12.9%
Eggs	36.5%	Non-elec. kitch. utensils, table- & cookware	-16.3%	Personal care services	26.8%
Bakery & cereal products (excl. baby food)	22.1%				
Bakery products	37.4%	**Clothing & footwear**	**-0.9%**	**Recreation, education & reading**	**5.6%**
Cereal products (excl. baby food)	-2.1%	Clothing	-4.2%	Recreation	1.3%
Fruit, fruit preparations & nuts	30.3%	Women's clothing	-16.5%	Rec. equip. & services (excl. rec. veh.)	-21.0%
Fresh fruit	34.5%	Men's clothing	17.3%	Purchase & operation of rec. veh.	15.2%
Preserved fruit & fruit preparations	12.9%	Children's clothing	-7.5%	Home ent. equip., parts & services	-25.1%
Vegetables & veg. preparations	25.7%	Footwear	-1.3%	Travel services	10.0%
Fresh veg.	29.6%	Clothing accessories, watches & jewellery	29.3%	Traveller accommodation	14.4%
Preserved veg. & veg. preparations	13.0%	Clothing material, notions & services	9.4%	Other cultural & recreational services	13.9%
Other food products & non-alcoholic bev.	17.9%			Education & reading	26.5%
Sugar & confectionery	32.3%	**Transportation**	**9.8%**	Reading material (excl. textbooks)	21.8%
Edible fats & oils	0.3%	Private transportation	7.6%		
Coffee & tea	27.0%	Purchase, leasing & rental of passenger veh.	9.9%	**Alcoholic bev. & tobacco products**	**28.5%**
Non-alcoholic beverages	14.9%	Purchase & leasing of passenger vehicles	12.1%	Alcoholic beverages	18.3%
Food purchased from restaurants	8.4%	Purchase of passenger vehicles	12.1%	Alcoholic bev. served in licensed estab.	21.9%
		Operation of passenger vehicles	8.3%	Alcoholic bev. purchased from stores	16.0%
Shelter	**15.1%**	Gasoline	-7.0%	Beer purchased from stores	26.1%
Water, fuel & electricity	-1.3%	Passenger veh. parts, maint. & repairs	12.8%	Wine purchased from stores	7.6%
Electricity	7.9%	Other passenger veh. operating expenses	38.6%	Liquor purchased from stores	3.3%
Water	51.9%	Passenger vehicles insurance premiums	38.7%	Tobacco products & smokers' supplies	44.2%
Fuel oil & other fuels	-17.5%	Passenger vehicles registration fees	5.0%	Cigarettes	44.2%

Publication sources to this point: Statistics Canada. CANSIM tables 326-0020; 326-0021; and 326-0031.

Community Spatial Price Index (Whitehorse = 100), 2017

The Community Spatial Price Index is produced biannually by the Yukon Bureau of Statistics to compare prices of regularly purchased items in Whitehorse to prices in other Yukon communities. Example: In October 2017, if the selected items displayed in this table totalled $100.00 to purchase in Whitehorse, the same items would cost $113.80 to purchase in Carmacks, $121.10 in Dawson City, $117.30 in Faro, $123.60 in Haines Junction, $121.50 in Mayo, $218.70 in Old Crow, $122.80 in Ross River, $120.00 in Teslin and $114.50 in Watson Lake.

	Carmacks		Dawson		Faro		Haines Junction		Mayo		Old Crow		Ross River		Teslin		Watson Lake	
	Apr	Oct	Apr	Oct	Apr	Oct	Apr	Oct	Apr	Oct	Apr	Oct	Apr	Oct	Apr	Oct	Apr	Oct
Total Survey Items	**111.7**	**113.8**	**118.7**	**121.1**	**117.5**	**117.3**	**...**	**123.6**	**115.9**	**121.5**	**196.5**	**218.7**	**118.6**	**122.8**	**116.0**	**120.0**	**111.2**	**114.5**
Meat	113.1	105.5	112.2	108.7	105.9	104.4	...	117.5	115.8	136.5	164.2	162.6	100.5	112.1	110.8	113.4	109.4	113.7
Dairy/eggs	104.1	104.6	110.7	109.7	110.8	114.4	...	123.7	107.2	115.1	174.0	187.6	115.8	124.3	102.7	108.8	102.6	117.8
Fruit/vegatables	112.1	128.4	110.5	126.3	118.0	123.9	...	144.6	128.4	134.1	238.1	272.3	133.1	138.0	130.5	136.2	110.4	122.7
Bread/cereal	129.1	113.5	138.0	133.9	139.1	122.9	...	126.8	132.0	123.1	172.8	165.9	120.8	119.5	136.4	126.4	131.4	110.0
Other foods	115.4	114.9	132.1	130.5	125.8	127.9	...	149.1	119.1	131.5	214.1	253.6	125.3	136.4	117.9	122.8	123.1	115.5
Household operations	114.9	118.5	125.7	128.7	134.1	125.1	...	103.5	127.4	126.9	194.1	228.3	147.0	140.2	130.0	145.1	120.1	128.0
Health & personal care	109.5	116.6	135.1	143.8	120.1	118.9	...	164.2	113.1	127.8	181.8	223.8	114.2	118.6	127.7	133.8	122.1	131.6
Gasoline	108.6	110.0	115.8	116.3	112.1	112.0	104.6	104.6	102.7	100.8	...	...	111.6	111.4	105.0	105.8	98.7	101.9
Cigarettes	115.0	116.6	106.4	101.9	105.4	100.5	...	...	112.1	113.0	194.2	193.3	111.2	117.4	102.5	104.7	103.6	102.2
Home Heating Fuel	104.2	108.5	107.0	110.5	104.4	106.6	99.9	104.4	109.1	111.6	...	...	105.5	107.5	102.8	105.5	104.0	107.3

... = data not available or not appropriate.

Source: Yukon Bureau of Statistics

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